

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,235,089 B1
APPLICATION NO. : 09/697306
DATED : June 26, 2007
INVENTOR(S) : McGuckin et al.

Page 1 of 3

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title Page, item 75 inventor's address should be --Philadelphia--.

Item 57 abstract, line 3, "devices" should be --means--.

Col. 5, line 7, "The" should be --This--.

Col. 5, line 40, "directiong" should be --direction--.

Col. 8, line 17, "In the" should be --In this--.

Col. 8, line 47, "spaced of separated" should be --spaced or separated--.

Col. 9, line 27, "important in that in" should be --important in that it--.

Col. 11, line 59, "apparatus for removing malignant of" should be --apparatus for removing malignant or--.

Col. 12, line 11, "and operating control module" should be --an operating control module--.

Col. 13, line 12, add --at tip-- language at the beginning of the line before "extremity 218".

Col. 14, line 6, "a lumen such as the colon as" should be --a lumen such as the colon is--.

Col. 14, line 41, "arrow A," should be --arrow A₁--.

Col. 14, line 42, "48 in the" should be --48 in this--.

Col. 16, line 59, "tubular member 16" should be --tubular member 16--.

Col. 16, line 61, "outer skin of" should be --outer skin or--.

Col. 17, line 3, "inner strand 116," should be --inner strand 116₁--.

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,235,089 B1
APPLICATION NO. : 09/697306
DATED : June 26, 2007
INVENTOR(S) : McGuckin et al.

Page 2 of 3

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Col. 19, line 18, "cutting edge **78**," should be --cutting edge **78**--.

Col. 20, line 51, delete "of these"; therefore, "exemplary of these of these are" should be --exemplary of these are--.

Col. 21, line 3, "radious" should be --radius--.

Col. 21, line 4, "radious" should be --radius--.

Col. 21, line 16, "metla" should be --metal--.

Col. 21, line 24, the first "the" should be --The--.

Col. 21, line 51, "longitudinally" should be --longitudinal--.

Col. 21, line 59, "longitudinally" should be --longitudinal--.

Col. 22, line 1, "as" should be --is--.

Col. 22, line 38, "designed" should be --designated--.

Col. 22, line 44, "plan" should be --plane--.

Col. 22, line 53, "designed" should be --designated--.

Col. 23, line 33, "blocks" should be --block--.

Col. 23, line 35, "blocks" should be --block--.

Col. 24, line 12, "surface **260**" should be --surfaces **260**--.

Col. 24, line 17, "168°" should be --168°--.

Col. 27, line 16, the first "**12**" should be --**14**--; therefore, "**12** and exit operating" should be --**14** and exit operating--.

Col. 27, line 45, "respected" should be --resected--.

Col. 28, line 21, "withdraw" should be --withdrawn--.

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,235,089 B1
APPLICATION NO. : 09/697306
DATED : June 26, 2007
INVENTOR(S) : McGuckin et al.

Page 3 of 3

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Col. 28, line 37, "forgoing" should be --foregoing--.

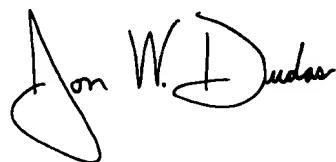
Col. 28, line 48, "apparatus" should be --aperture--.

Col. 29, line 31, "lumen" should be --lumenal--.

Claim 10, Col. 31, line 30, "clam" should be --claim--.

Signed and Sealed this

Eleventh Day of March, 2008



JON W. DUDAS
Director of the United States Patent and Trademark Office